

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
06211 USASERIAL NO.  
10/046,585INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT  
(Use several sheets if necessary)APPLICANT  
Pham, et al.FILING DATE  
January 14, 2002GROUP  
1725

## U.S. PATENT DOCUMENTS

EXAM- INER INITIAL	DOCUMENT NUMBER								DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SMH	5	9	3	5	5	3	1		08/10/99	Giacobbe	422	197	
	<del>4</del>	<del>9</del>	<del>5</del>	<del>9</del>	<del>0</del>	<del>7</del>	<del>9</del>		<del>09/25/90</del>	<del>Gretz, et al.</del>	<del>48</del>	<del>198.7</del>	<del>05/09/89</del>
	<del>5</del>	<del>1</del>	<del>9</del>	<del>0</del>	<del>9</del>	<del>6</del>	<del>1</del>		<del>04/06/93</del>	<del>Ohsaki, et al.</del>	<del>48</del>	<del>94</del>	<del>08/23/91</del>

SEE FIRST  
IDS

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
SMH	1	1	9	3	2	1	9		03.04.2002	European	C01B	3/38	X	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

S. Heinrich

DATE CONSIDERED

05-14-2004

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

#2

FORM PTO-1449  
(Modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.  
06211 USA

SERIAL NO.

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
(Use several sheets if necessary)

APPLICANT  
Pham, et al.

FILING DATE

GROUP

1725

(37 CFR 1.98(b))

U.S. PTO  
10/046585  
01/14/02

**U.S. PATENT DOCUMENTS**

EXAM- INER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SMH	4	8	3	0	8	3	4	05/16/89	Stahl, et al.	422	190	05/05/87
SMH	4	9	5	9	0	7	9	09/25/90	Grotz, et al.	48	198.7	05/09/89
SMH	5	1	9	9	9	6	1	04/06/93	Ohsaki, et al.	48	94	08/23/91

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
												YES	NO
SMH	0	9	1	1	0	7	6	04/28/99	Europe	B01J	8/06	X	
SMH	0	1	1	2	3	1	0	02/22/01	WO	B01J	8/06	X	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

SMH		Pending Patent Application (Air Products and Chemicals, Inc.; Docket No. 06052 USA) "Apparatus and Method for Hydrocarbon Reforming Process"

EXAMINER

S. Heinrich

DATE CONSIDERED

05-13-2004

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